Db 122 SILRLPE 128

RESULT 14
TIM1_HUMAN
ID TIM1_HUMAN STANDARD; PRT; 207 AA.
AC P01033; Q14252;
DT 21-JUL-1986 (Rel. 01, Created)
DT 21-JUL-1986 (Rel. 01, Last sequence update)
DT 01-MAR-2002 (Rel. 41, Last annotation update)
DE Metalloproteinase inhibitor 1 precursor (TIMP-1) (Erythroid
DE potentiating activity) (EPA) (Tissue inhibitor of metalloproteinases)
DE (Fibroblast collagenase inhibitor) (Collagenase inhibitor).
GN TIMP1 OR TIMP OR CLGI.
OS Homo sapiens (Human).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
OX NCBI_TaxID=9606;
RN [1]
RP SEQUENCE FROM N.A.
RX MEDLINE=86040463; PubMed=3903517;
RA Docherty A.J.P., Lyons A., Smith B.J., Wright E.M., Stephens P.E.,
RA Harris T.J.R., Murphy G., Reynolds J.J.;
RT "Sequence of human tissue inhibitor of metalloproteinases and its
RT identity to erythroid-potentiating activity.";
RL Nature 318:66-69(1985).
RN [2]
RP SEQUENCE FROM N.A.
RX MEDLINE=85240567; PubMed=3839290;
RA Gasson J.C., Golde D.W., Kaufman S.E., Westbrook C.A., Hewick R.M.,
RA Kaufman R.J., Wong G.G., Temple P.A., Leary A.C., Brown E.L.,
RA Orr E.C., Clark S.C.;
RT "Molecular characterization and expression of the gene encoding human
RT erythroid-potentiating activity.";
RL Nature 315:768-771(1985).
RN [3]
RP SEQUENCE FROM N.A.
RX MEDLINE=86205964; PubMed=3010309;
RA Carmichael D.F., Sommer A., Thompson R.C., Anderson D.C., Smith C.G.,
RA Welgus H.G., Stricklin G.P.;
RT "Primary structure and cDNA cloning of human fibroblast collagenase
RT inhibitor.";
RL Proc. Natl. Acad. Sci. U.S.A. 83:2407-2411(1986).
RN [4]
RP SEQUENCE FROM N.A.
RA Kaczorek M., Honore N., Ribes V., Dehoux P., Cornet P., Cartwright T.,
RA Streeck R.E.;
RT "Molecular cloning and synthesis of biologically active human tissue
RT inhibitor of metalloproteinases in yeast.";
RL Biotechnology 5:595-598(1987).
RN [5]
RP SEQUENCE FROM N.A.
RC TISSUE=Ovary;
RX MEDLINE=91025550; PubMed=2171551;
RA Rapp G., Freudenstein J., Klaudiny J., Mucha J., Wempe F., Zimmer M.,
RA Scheit K.H.;
RT "Characterization of three abundant mRNAs from human ovarian
RT granulosa cells.";
RL DNA Cell Biol. 9:479-485(1990).
RN [6]
RP SEQUENCE FROM N.A.
RX MEDLINE=94123576; PubMed=7507419;
RA Opbroek A., Kenney M.C., Brown D.;
RT "Characterization of a human corneal metalloproteinase inhibitor
RT (TIMP-1).";
RL Curr. Eye Res. 12:877-883(1993).
RN [7]
RP SEQUENCE OF 42-207 FROM N.A.
RA Matsuda T., Kohno K., Kuwano M.;
RL Submitted (JUL-1992) to the EMBL/GenBank/DDBJ databases.
RN [8]
RP SEQUENCE OF 1-40 FROM N.A.
RA Hardcastle A.J.;
RL Submitted (SEP-1995) to the EMBL/GenBank/DDBJ databases.
RN [9]
RP DISULFIDE BONDS, AND PARTIAL SEQUENCE.
RX MEDLINE=90303199; PubMed=2163605;
RA Williamson R.A., Martson F.A.O., Angal S., Koklitis P., Panico M.,
RA Morris H.R., Carne A.F., Smith B.J., Harris T.J.R., Freedman R.B.;
RT "Disulphide bond assignment in human tissue inhibitor of
RT metalloproteinases (TIMP).";
RL Biochem. J. 268:267-274(1990).
RN [10]
RP SEQUENCE OF 24-38.
RC TISSUE=Synovial fluid;
RX MEDLINE=92111776; PubMed=1730286;
RA Osthues A., Knaueper V., Oberhoff R., Reinke H., Tschesche H.;
RT "Isolation and characterization of tissue inhibitors of
RT metalloproteinases (TIMP-1 and TIMP-2) from human rheumatoid synovial
RT fluid.";
RL FEBS Lett. 296:16-20(1992).
RN [11]
RP MUTAGENESIS.
RX MEDLINE=93041700; PubMed=1420137;
RA O'Shea M., Willenbrock F., Williamson R.A., Cockett M.I.,
RA Freedman R.B., Reynolds J.J., Docherty A.J.P., Murphy G.;
RT "Site-directed mutations that alter the inhibitory activity of the
RT tissue inhibitor of metalloproteinases-1: importance of the
RT N-terminal region between cysteine 3 and cysteine 13.";
RL Biochemistry 31:10146-10152(1992).
RN [12]
RP X-RAY CRYSTALLOGRAPHY (2.8 ANGSTROMS) OF COMPLEX WITH MMP-3.
RX MEDLINE=97433330; PubMed=9288970;
RA Gomis-Ruth F.X., Maskos K., Betz M., Bergner A., Huber R., Suzuki K.,
RA Yoshida N., Nagase H., Brew K., Bourenkov G.P., Bartunik H., Bode W.;
RT "Mechanism of inhibition of the human matrix metalloproteinase
RT stromelysin-1 by TIMP-1.";
RL Nature 389:77-81(1997).
RN [13]
RP STRUCTURE BY NMR OF 24-149.
RX MEDLINE=20090931; PubMed=10623524;
RA Wu B., Arumugam S., Gao G., Lee G.I., Semenchenko V., Huang W.,
RA Brew K., Van Doren S.R.;
RT "NMR structure of tissue inhibitor of metalloproteinases-1 implicates
RT localized induced fit in recognition of matrix metalloproteinases.";
RL J. Mol. Biol. 295:257-268(2000).
CC -!- FUNCTION: COMPLEXES WITH METALLOPROTEINASES (SUCH AS COLLAGENASES)
CC AND IRREVERSIBLY INACTIVATES THEM. ALSO MEDIATES ERYTHROPOIESIS IN
CC VITRO; BUT, UNLIKE IL-3, IT IS SPECIES-SPECIFIC, STIMULATING THE
CC GROWTH AND DIFFERENTIATION OF ONLY HUMAN AND MURINE ERYTHROID
CC PROGENITORS. KNOWN TO ACT ON MMP-1, MMP-2, MMP-3, MMP-7, MMP-8,
CC MMP-9, MMP-10, MMP-11, MMP-12, MMP-13 AND MMP-16. DOES NOT ACT ON
CC MMP-14.
CC -!- SUBCELLULAR LOCATION: Secreted.
CC -!- PTM: THE ACTIVITY OF TIMP-1 IS DEPENDENT ON THE PRESENCE OF
CC DISULFIDE BONDS.
CC -!- SIMILARITY: BELONGS TO THE TIMP FAMILY.
CC ---

CC ---
DR EMBL; X03124; CAA26902.1; -.
DR EMBL; M12670; AAA52436.1; -.
DR EMBL; X02598; CAA26443.1; -.
DR EMBL; M59906; AAA63234.1; -.
DR EMBL; S68252; AAD14009.1; -.
DR EMBL; D11139; BAA01913.1; -.
DR EMBL; L47361; AAA75558.1; -.
DR EMBL; A10416; CAA00898.1; -.
DR PIR; A01269; ZYHUEP.

```
DR   PIR; A23534; A23534.
DR   PIR; A35826; A35826.
DR   PIR; S20318; S20318.
DR   PDB; 1UEA; 25-NOV-98.
DR   PDB; 1D2B; 22-DEC-99.
DR   GlycoSuiteDB; P01033; -.
DR   MIM; 305370; -.
DR   InterPro; IPR001820; TIMP.
DR   Pfam; PF00965; TIMP; 1.
DR   SMART; SM00206; TIMP; 1.
DR   PROSITE; PS00288; TIMP; 1.
KW   Glycoprotein; Metalloprotease inhibitor; Erythrocyte maturation;
KW   3D-structure; Signal.
FT   SIGNAL        1     23
FT   CHAIN        24    207       METALLOPROTEINASE INHIBITOR 1.
FT   DISULFID     24     93
FT   DISULFID     26    122
FT   DISULFID     36    147
FT   DISULFID    150    197
FT   DISULFID    155    160
FT   DISULFID    168    189
FT   CARBOHYD     53     53       N-LINKED (GLCNAC. . .).
FT                                /FTId=CAR_000002.
FT   CARBOHYD    101    101       N-LINKED (GLCNAC. . .).
FT                                /FTId=CAR_000003.
FT   CONFLICT     23     23       A -> P (IN REF. 2).
FT   CONFLICT     44     44       A -> P (IN REF. 7).
SQ   SEQUENCE   207 AA;  23171 MW;  5AE4F90FFAB2ECDC CRC64;


  Query Match             1.7%;  Score 7;  DB 1;  Length 207;
  Best Local Similarity   100.0%;  Pred. No. 29;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      46 LIAGKLQ 52
           |||||||
Db     107 LIAGKLQ 113


RESULT  15
TIM1_PAPCY
ID   TIM1_PAPCY     STANDARD;      PRT;   207 AA.
AC   P49061;
DT   01-FEB-1996 (Rel. 33, Created)
DT   01-FEB-1996 (Rel. 33, Last sequence update)
DT   16-OCT-2001 (Rel. 40, Last annotation update)
DE   Metalloproteinase inhibitor 1 precursor (TIMP-1).
GN   TIMP1.
OS   Papio cynocephalus (Yellow baboon).
OC   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC   Mammalia; Eutheria; Primates; Catarrhini; Cercopithecidae;
OC   Cercopithecinae; Papio.
OX   NCBI_TaxID=9556;
RN   [1]
RP   SEQUENCE FROM N.A.
RC   TISSUE=Aorta;
RX   MEDLINE=96011646; PubMed=7590279;
RA   Forough R., Nikkari S.T., Hasenstab D., Lea H., Clowes A.W.;
RT   "Cloning and characterization of a cDNA encoding the baboon tissue
RT   inhibitor of matrix metalloproteinase-1 (TIMP-1).";
RL   Gene 163:267-271(1995).
CC   -!- FUNCTION: COMPLEXES WITH METALLOPROTEINASES (SUCH AS COLLAGENASES)
CC       AND IRREVERSIBLY INACTIVATES THEM.
CC   -!- SUBCELLULAR LOCATION: Secreted.
CC   -!- PTM: THE ACTIVITY OF TIMP-1 IS DEPENDENT ON THE PRESENCE OF
CC       DISULFIDE BONDS.
CC   -!- SIMILARITY: BELONGS TO THE TIMP FAMILY.
CC   ---------------------------------------------------------------------
CC   This SWISS-PROT entry is copyright. It is produced through a collaboration
CC   between the Swiss Institute of Bioinformatics and the EMBL outstation -
CC   the European Bioinformatics Institute. There are no restrictions on its
CC   use by non-profit institutions as long as its content is in no way
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CC   entities requires a license agreement (See http://www.isb-sib.ch/announce/
CC   or send an email to license@isb-sib.ch).
CC   ---------------------------------------------------------------------
DR   EMBL; L37295; AAA99943.1; -.
DR   HSSP; P01033; 1UEA.
DR   InterPro; IPR001820; TIMP.
DR   Pfam; PF00965; TIMP; 1.
DR   SMART; SM00206; TIMP; 1.
DR   PROSITE; PS00288; TIMP; 1.
KW   Glycoprotein; Metalloprotease inhibitor; Erythrocyte maturation;
KW   Signal.
FT   SIGNAL        1     23       BY SIMILARITY.
FT   CHAIN        24    207       METALLOPROTEINASE INHIBITOR 1.
FT   DISULFID     24     93       BY SIMILARITY.
FT   DISULFID     26    122       BY SIMILARITY.
FT   DISULFID     36    147       BY SIMILARITY.
FT   DISULFID    150    197       BY SIMILARITY.
FT   DISULFID    155    160       BY SIMILARITY.
FT   DISULFID    168    189       BY SIMILARITY.
FT   CARBOHYD     53     53       N-LINKED (GLCNAC. . .) (POTENTIAL).
FT   CARBOHYD    101    101       N-LINKED (GLCNAC. . .) (POTENTIAL).
SQ   SEQUENCE   207 AA;  23213 MW;  5AE4FBDBEAB2ECDC CRC64;


  Query Match             1.7%;  Score 7;  DB 1;  Length 207;
  Best Local Similarity   100.0%;  Pred. No. 29;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      46 LIAGKLQ 52
           |||||||
Db     107 LIAGKLQ 113


RESULT  16
MUC3_HUMAN
ID   MUC3_HUMAN     STANDARD;      PRT;   213 AA.
AC   Q02505; Q02506;
DT   01-JUN-1994 (Rel. 29, Created)
DT   01-JUN-1994 (Rel. 29, Last sequence update)
DT   01-MAR-2002 (Rel. 41, Last annotation update)
DE   Mucin 3A (Intestinal mucin 3A) (Fragments).
GN   MUC3A OR MUC3.
OS   Homo sapiens (Human).
OC   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC   Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
OX   NCBI_TaxID=9606;
RN   [1]
RP   SEQUENCE FROM N.A.
RC   TISSUE=Small intestine;
RX   MEDLINE=90365738; PubMed=2393399;
RA   Gum J.R. Jr., Hicks J.W., Swallow D.M., Lagace R.L., Byrd J.C.,
RA   Lamport D.T.A., Siddiki B., Kim Y.S.;
RT   "Molecular cloning of cDNAs derived from a novel human intestinal
RT   mucin gene.";
RL   Biochem. Biophys. Res. Commun. 171:407-415(1990).
CC   -!- FUNCTION: MAJOR GLYCOPROTEIN COMPONENT OF A VARIETY OF MUCUS GELS.
CC       THOUGHT TO PROVIDE A PROTECTIVE, LUBRICATING BARRIER AGAINST
CC       PARTICLES AND INFECTIOUS AGENTS AT MUCOSAL SURFACES.
CC   -!- SUBCELLULAR LOCATION: Secreted.
CC   -!- TISSUE SPECIFICITY: BROAD SPECIFICITY; SMALL INTESTINE, COLON AND
CC       COLONIC TUMORS.
CC   -!- PTM: HIGHLY O-GLYCOSYLATED AND PROBABLY ALSO N-GLYCOSYLATED.
CC   ---------------------------------------------------------------------
CC   This SWISS-PROT entry is copyright. It is produced through a collaboration
CC   between the Swiss Institute of Bioinformatics and the EMBL outstation -
CC   the European Bioinformatics Institute. There are no restrictions on its
CC   use by non-profit institutions as long as its content is in no way
CC   modified and this statement is not removed. Usage by and for commercial
CC   entities requires a license agreement (See http://www.isb-sib.ch/announce/
CC   or send an email to license@isb-sib.ch).
CC   ---------------------------------------------------------------------
DR   EMBL; M55406; AAA63773.1; -.
DR   EMBL; M55405; AAA63772.1; -.
```

PR 31-MAR-2000; 2000US-0540217.
PR 23-AUG-2000; 2000US-0649167.
XX
PA (HYSE-) HYSEQ INC.
XX
PI Drmanac RT, Liu C, Tang YT;
XX
DR WPI; 2001-639362/73.
DR N-PSDB; AAS66220.
XX
PT New isolated polynucleotide and encoded polypeptides, useful in
PT diagnostics, forensics, gene mapping, identification of mutations
PT responsible for genetic disorders or other traits and to assess
PT biodiversity -
XX
PS Claim 20; SEQ ID No 32392; 103pp; English.
XX
CC The invention relates to isolated polynucleotide (I) and
CC polypeptide (II) sequences. (I) is useful as hybridisation probes,
CC polymerase chain reaction (PCR) primers, oligomers, and for chromosome
CC and gene mapping, and in recombinant production of (II). The
CC polynucleotides are also used in diagnostics as expressed sequence tags
CC for identifying expressed genes. (I) is useful in gene therapy techniques
CC to restore normal activity of (II) or to treat disease states involving
CC (II). (II) is useful for generating antibodies against it, detecting or
CC quantitating a polypeptide in tissue, as molecular weight markers and as
CC a food supplement. (II) and its binding partners are useful in medical
CC imaging of sites expressing (II). (I) and (II) are useful for treating
CC disorders involving aberrant protein expression or biological activity.
CC The polypeptide and polynucleotide sequences have applications in
CC diagnostics, forensics, gene mapping, identification of mutations
CC responsible for genetic disorders or other traits to assess biodiversity
CC and to produce other types of data and products dependent on DNA and
CC amino acid sequences. ABG00010-ABG30377 represent novel human
CC diagnostic amino acid sequences of the invention.
CC Note: The sequence data for this patent did not appear in the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pct_sequences.
XX
SQ Sequence 332 AA;

Query Match 2.0%; Score 8; DB 22; Length 332;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 381 ELPASPEP 388
||||||||
Db 160 elpaspep 167

RESULT 22
ABB65393
ID ABB65393 standard; Protein; 586 AA.
XX
AC ABB65393;
XX
DT 26-MAR-2002 (first entry)
XX
DE Drosophila melanogaster polypeptide SEQ ID NO 22971.
XX
KW Drosophila; developmental biology; cell signalling; insecticide;
KW pharmaceutical.
XX
OS Drosophila melanogaster.
XX
PN WO200171042-A2.
XX
PD [illegible]-SEP-2001.
XX
PF [illegible]001; 2001WO-US09231.
XX
PR [illegible]000US-191637P.
PR 11-JUL-2000; 2000US-0614150.
XX
PA (PEKE) PE CORP NY.
XX
PI Venter JC, Adams M, Li PWD, Myers EW;
XX
DR WPI; 2001-656860/75.
DR N-PSDB; ABL09496.
XX
PT New isolated nucleic acid detection reagent for detecting 1000 or more
PT genes from Drosophila and for elucidating cell signalling and cell-cell
PT interactions -
XX
PS Disclosure; SEQ ID NO 22971; 21pp + Sequence Listing; English.
XX
CC The invention relates to an isolated nucleic acid detection reagent
CC capable of detecting 1000 or more genes from Drosophila. The invention is
CC useful in developmental biology and in elucidating cell signalling and
CC cell-cell interactions in higher eukaryotes for the development of
CC insecticides, therapeutics and pharmaceutical drugs. The invention
CC discloses genomic DNA sequences (ABL16176-ABL30511), expressed DNA
CC sequences (ABL01840-ABL16175) and the encoded proteins
CC (ABB57737-ABB72072).
CC The sequence data for this patent did not form part of the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pct_sequences.
XX
SQ Sequence 586 AA;

Query Match 2.0%; Score 8; DB 22; Length 586;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 274 TALALAST 281
||||||||
Db 534 talalast 541

RESULT 23
AAR51267
ID AAR51267 standard; Protein; 604 AA.
XX
AC AAR51267;
XX
DT 12-OCT-1994 (first entry)
XX
DE Sequence of human prostaglandin G/H synthase-2 (PGHS-2).
XX
KW Prostaglandin; hormone; eicosanoid; fatty acid metabolism.
XX
OS Homo sapiens.
XX
PN WO9406919-A.
XX
PD 31-MAR-1994.
XX
PF 22-SEP-1993; 93WO-US09167.
XX
PR 22-SEP-1992; 92US-0949780.
PR 01-DEC-1992; 92US-0983835.
PR 22-MAR-1993; 93US-0034143.
PR 28-APR-1993; 93US-0054364.
XX
PA (UYRP) UNIV ROCHESTER.
XX
PI Obanion MK, Winn VD, Young DA;
XX
DR WPI; 1994-118468/14.
DR N-PSDB; AAQ61790.
XX
PT New prostaglandin G/H synthase-2 gene - used for producing
PT transgenic cell lines for testing ability of cpds. to inhibit

...is of prostaglandin(s)

...laim 40; Page 45-47; 76pp; English.

CC RNA was isolated from a human fibroblast cell line (W138). PCR
CC primers specific for the human PGHS-1 and PGHS-2 sequences were
CC engineered to amplify the coding regions of either one transcript or
CC the other (see AAQ61792-95). PCR products of about 2 kb were generated.
CC Three PGHS-2 clones were sequenced in both directions. The clone
CC comprising the PGHS-2 sequence disclosed in AAQ61790 was selected for
CC transfection. This sequence differs from the human PGHS-2 sequence
CC dislcosed by Hla and Heilson, PNAS, 89, 7384 (19920 due to a Glu
CC rather than a Gly at AA posn. 165. Mouse PGHS-2 also has a Glu at
CC this posn.
XX
SQ Sequence 604 AA;

Query Match 2.0%; Score 8; DB 15; Length 604;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 54 SVPDPELI 61
||||||||
Db 567 svpdpeli 574

RESULT 24
AAR56660
ID AAR56660 standard; Protein; 604 AA.
XX
AC AAR56660;
XX
DT 27-FEB-1995 (first entry)
XX
DE Cyclooxygenase-2.
XX
KW Cyclooxygenase-2; enzyme; osteosarcoma; antiinflammatory; assay.
XX
OS Homo sapiens.
XX
PN WO9414977-A.
XX
PD 07-JUL-1994.
XX
PF 17-DEC-1993; 93WO-CA00547.
XX
PR 22-DEC-1992; 92US-0994760.
PR 06-MAY-1993; 93US-0064271.
XX
PA (MERI) MERCK FROSST CANADA INC.
XX
PI Cromlish WA, Kennedy BP, Mancini JA, O'Neill G, Vickers PJ;
PI Wong E;
XX
DR WPI; 1994-263635/32.
DR N-PSDB; AAQ71002.
XX
PT Assays for cyclo:oxygenase-1 and -2 - for identifying selective
PT antagonists, i.e. potential anti inflammatories etc., also new
PT human cyclo:oxygenase-2 and cDNA encoding it
XX
PS Disclosure; Fig 1A-1C; 55pp; English.
XX
CC The human cyclooxygenase-2 COX-2 protein is used in assays to
CC identify inhibitors, which have antiinflammatory, analgesic,
CC antipyretic and anticancer activity.
XX
SQ Sequence 604 AA;

Query Match 2.0%; Score 8; DB 15; Length 604;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 54 SVPDPELI 61
||||||||
Db 567 svpdpeli 574

RESULT 25
AAR72228
ID AAR72228 standard; Protein; 604 AA.
XX
AC AAR72228;
XX
DT 28-SEP-1995 (first entry)
XX
DE Human cyclooxygenase-2.
XX
KW Cyclooxygenase-2; COX-2; COX-1; inhibitor; screening;
KW osteosarcoma.
XX
OS Homo sapiens.
XX
PN WO9509238-A.
XX
PD 06-APR-1995.
XX
PF 13-SEP-1994; 94WO-CA00501.
XX
PR 27-SEP-1993; 93US-0084033.
XX
PA (MERI) MERCK FROSST CANADA INC.
XX
PI Mancini JA, O'Neil GP;
XX
DR WPI; 1995-147436/19.
DR N-PSDB; AAQ89376.
XX
PT High level expression of human cyclo:oxygenase (COX)-2 - using
PT new 3' flanking region from COX-1, useful in assays for
PT identifying potent, selective or preferential inhibitors of COX-2
XX
PS Disclosure; Fig.1; 59pp; English.
XX
CC Full-length cDNA derived from human osteosarcoma cells (given in
CC AAQ89376) encoded human COX-2 (AAR72228). High-level expression of
CC COX-2 in COS7 cells was achieved using a vaccinia or baculovirus vector
CC and a construct in which COX-2 cDNA was attached at its 5' end to a 3'
CC flanking sequence of human COX-1 cDNA (AAQ89377).
XX
SQ Sequence 604 AA;

Query Match 2.0%; Score 8; DB 16; Length 604;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 54 SVPDPELI 61
||||||||
Db 567 svpdpeli 574

RESULT 26
AAW12698
ID AAW12698 standard; Protein; 604 AA.
XX
AC AAW12698;
XX
DT 04-MAY-1997 (first entry)
XX
DE Human prostaglandin H synthase-2.
XX
KW Prostaglandin H synthase-2; PGHS-2; cyclooxygenase; inflammation;
KW pulmonary fibrosis; Alzheimer's disease; stroke; acute head injury;

(FILE 'HOME' ENTERED AT 12:23:55 ON 07 JUN 2002)

FILE 'ADISALERTS, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, .' ENTERED AT 12:24:16 ON 07 JUN 2002

		E	REED GUY?/AU
L1	2	S	E1 OR E2
		E	CLEMENT CHRISTOPHE?/AU
L2	7	S	E1 OR E2
L3	1752	S	PLATELET ACTIVATION PROTEIN OR (APP (A) 2)
L4	0	S	L3 (S) (L1 OR L2)
L5	4	S	MAB (S) 3B2 (S) PLATELET?

WEST Search History

DATE: Friday, June 07, 2002

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ			
L6	mab same 3b2 same platelet?	1	L6
L5	L4 and l3	2	L5
L4	platelet activation protein or (app adj 2)	147	L4
L3	L2 or l1	31	L3
L2	clement-christophe-$.in.	2	L2
L1	reed-guy-$.in.	29	L1

END OF SEARCH HISTORY